Title (en)

HIV PROTEASE INHIBITING AGENTS

Publication

EP 0443559 A3 19920610 (EN)

Application

EP 91102496 A 19910221

Priority

US 48413190 A 19900223

Abstract (en)

[origin: EP0443559A2] Disclosed herein are compounds of the general formula X-A-B-C'-D-Y wherein X is a terminal group, for example, alkanoyl or phenylalkanoyl radicals, A is an amino acid residue having a lower alkyl or lower cycloalkyl side chain, e.g. Ala or val, B is a non-peptide linking unit, e.g. statyl or Phe psi [CH2NH]Leu, C' is an amino acid residue of alpha -amino- beta -cycloalkylpropionic acid, glutamic acid or alpha -aminoadipic acid, or a related derivative thereof, D is an amino-acid residue, for example, Phe or Val, and Y is hydroxy, alkoxy, amino, alkylamino or dialkylamino. The compounds inhibit the activity of human immunodeficiency virus (HIV) protease and interfere with HIV induced cytopathogenic effects in human cells. These properties render the compounds used for combating HIV infections.

IPC 1-7

C07K 5/02; A61K 37/02; C07K 1/00

IPC 8 full level

A61K 38/00 (2006.01); **A61K 38/55** (2006.01); **A61P 31/12** (2006.01); **A61P 37/04** (2006.01); **C07K 1/113** (2006.01); **C07K 5/02** (2006.01); **C07K 5/06** (2006.01); **C07K 14/81** (2006.01)

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Citation (search report)

- [XP] EP 0374097 A2 19900620 - CIBA GEIGY AG [CH]
- [XP] EP 0357332 A2 19900307 - MERCK & CO INC [US]
- [X] EP 0352000 A2 19900124 - SMITHKLINE BECKMAN CORP [US]

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